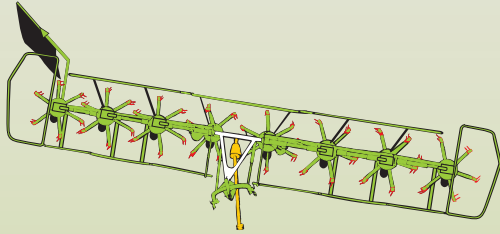


CLAAS



VOLTO 870
VOLTO 770
VOLTO 670

Operator's Manual

SERVICE & PARTS

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IDENTIFICATION OF WARNINGS AND DANGERS

All parts of this manual having to do with your safety or the safe operation of the machine are marked with the following signs. Please supply all safety instructions to any other user.



Danger!

Failure to observe the instructions identified by this symbol results in danger for life and limb of the user or other persons.

- Measures for avoiding danger.



Attention!

Sign to indicate instructions which must be observed. Failure to do so could result in damage to the machine.

- Measures for avoiding danger to the machine.



Note:

This symbol identifies instructions that make it easier to use the machine effectively and economically.

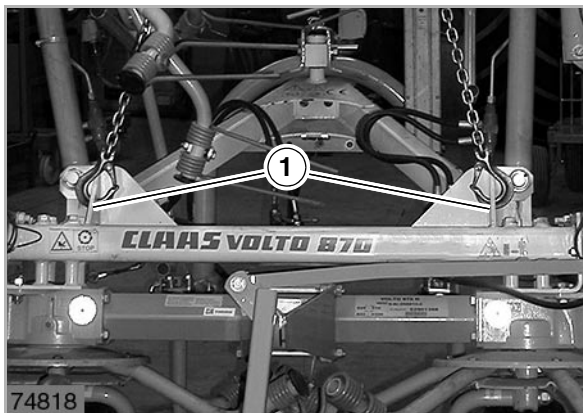
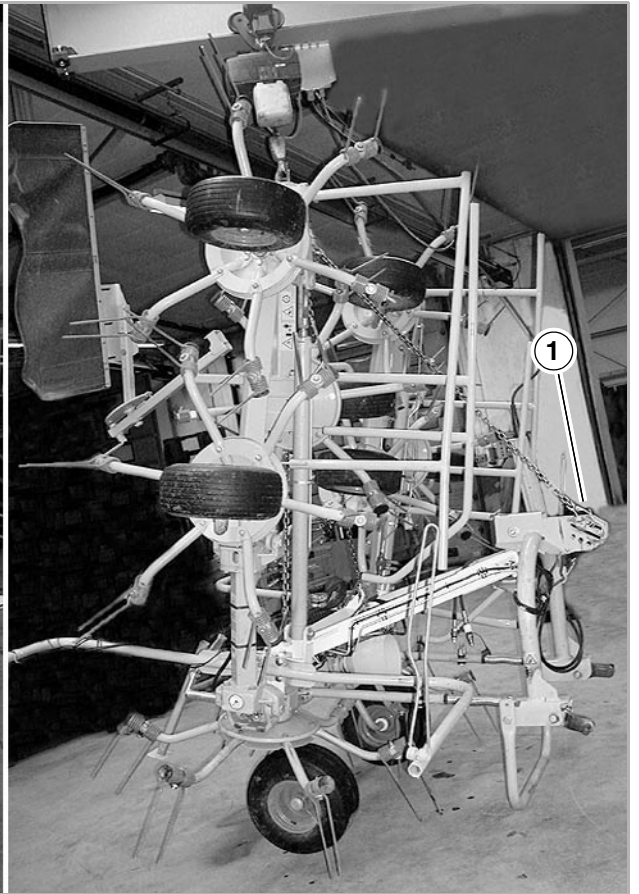
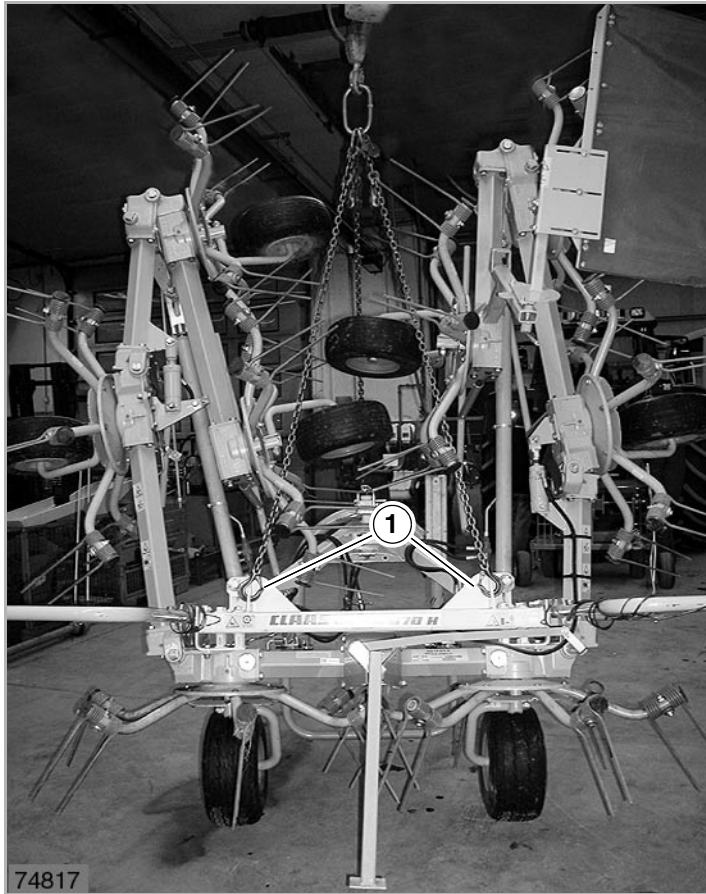


Environment!

Failure to observe the instructions identified by this symbol results in damage to the environment.

The environment is in danger if environmentally hazardous material (e.g. waste oil) is not subject to correct use and/or disposal.

The warning and instruction signs placed on the combine provide recommendations for safe operation. These instructions involve your safety – observe them at all times!



2



3

7 Assembly

UNLOADING/LOADING THE MACHINE

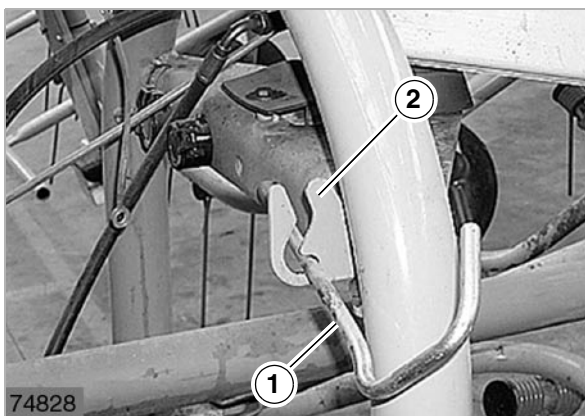


Danger!

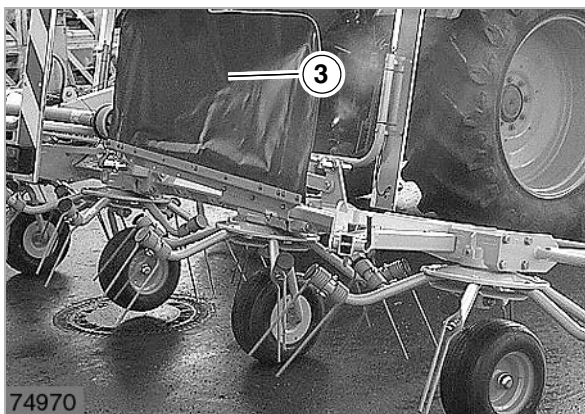
Improper lifting and transporting involves the risk of accidents!

- Suspend the machine for lifting at the slinging points (1) (Fig. 1, 2, 3)!
- Ensure that the lifting gear (e.g. slings) is adequately dimensioned.
Machine weight – see *Specifications*, on page 6.1.

(Fig. 1, 2, 3)



20



21

BEFORE TRANSPORT

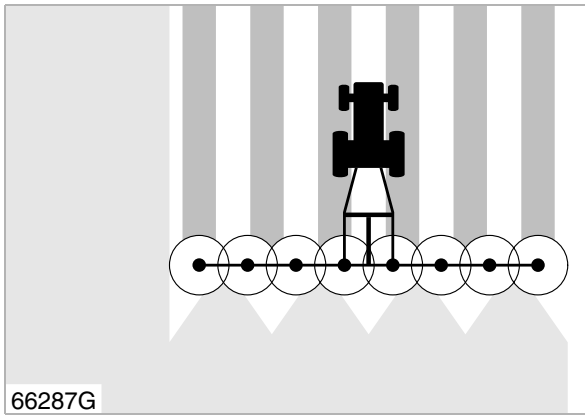
1. Hitch up the rotary tedder – see *Hitching*, on page 8.2.
2. Restrict the lateral movement of the lower link as much as possible.
3. Connect the PTO drive shaft and hydraulic hoses.– see *Hydraulics*, on page 8.6. Place the bracket (1) in the holder (2) on the headstock (Fig. 20).
4. Insert the 7-pin plug for the driving lights. Check operation of lighting, turn flashers and brake lights.
5. With optional equipment sensor wheel on the headstock:
Remove the wheel chocks from the wheels and store them in the brackets on the machine frame – see *Wheel chocks*, on page 8.7.
6. Lift the machine using the hitch hydraulics.
7. Hinge the prop stand up – see *Prop stand*, on page 8.5.
8. Raise the crop guard (3) into the transport position (Fig. 21).
9. VOLTO 870 / 770:
Fold the machine up to the stop.



Attention!

With the **VOLTO 770** in the transport position, never switch the PTO shaft on. If necessary, switch the PTO shaft brake to the neutral position - see Tractor Operator's Manual.

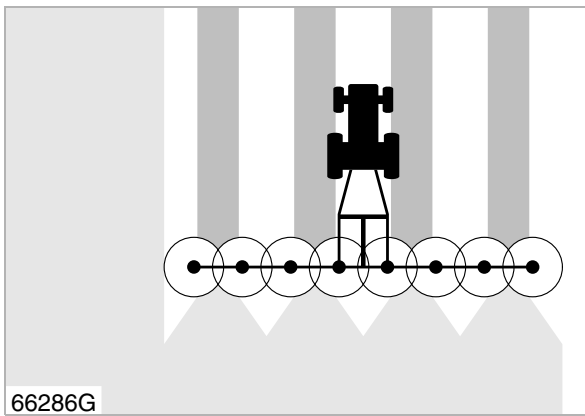
10. VOLTO 670:
Raise the outer arms and ensure that the catches engage.
11. Close shut-off valve of hydraulic hose – see *Hydraulics*, on page 8.6.



27

Swath raking

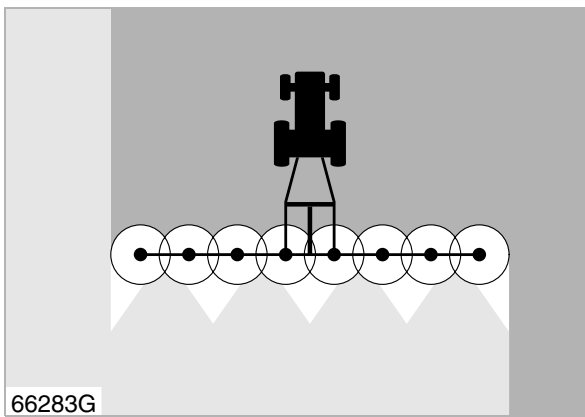
(Fig. 27)



28

Swath spreading

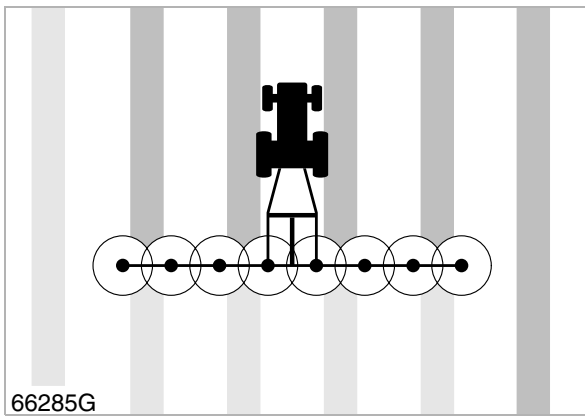
(Fig. 28)



29

Tedding

(Fig. 29)



30

Swath turning (optional equipment)

(Fig. 30)

HYDRAULICS

Repair work on the hydraulic system must be carried out by authorised workshops, if possible your CLAAS partner.

Hydraulic hoses

Check hydraulic hoses before first-time operation, and then at least once a year.

Exchange hydraulic hoses when damaged or aged.



Note!

Hydraulic hoses may not be used for longer than 6 years after date of manufacture.



- 6 The production date (month and year) is shown on the hydraulic hose.

Example: The marking "2Q-02" indicates that production was in the second quarter of 2002.

(Fig. 6)

Adjusting hydraulic cylinder

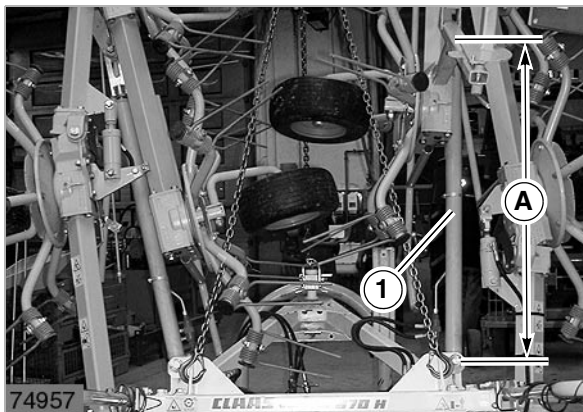
The factory adjustment for the hydraulic cylinder is as follows:

VOLTO 870:

This dimension must be measured with the cylinder fully retracted after repairs to the hydraulic cylinder.

Hydraulic cylinder (1): A = 1313 mm (right)

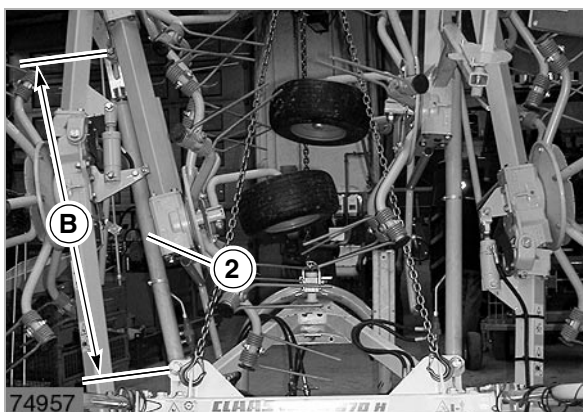
(Fig. 7)



- 7

Hydraulic cylinder (2): B = 1488 mm (left)

(Fig. 8)



- 8

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